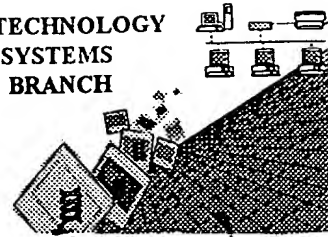


K. Canello

BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/270,437D
Source: 1600
Date Processed by STIC: 2/14/03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

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TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**
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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

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Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 01/29/2002



1600

Does Not Comply
Correction Needed

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/270,437D

DATE: 02/14/2003

TIME: 07:51:43

Input Set : A:\EP.txt

Output Set: N:\CRF4\02142003\I270437D.raw

1 <110> APPLICANT: Chen, Yao-Tseng
 2 Gure, Ali
 3 Tsang, Solam
 4 Stockert, Elisabeth
 5 Jager, Elke
 6 Knuth, Alexander
 7 Old, Lloyd J.
 9 <120> TITLE OF INVENTION: Isolated Nucleic Acid Molecules Encoding Cancer Associated
 Antigen, The
 10 Antigens Per Se, And Uses Thereof
 12 <130> FILE REFERENCE: LUD 5538.1
 14 <140> CURRENT APPLICATION NUMBER: 09/270,437D
 C--> 16 <141> CURRENT FILING DATE: 1999-03-16
 18 <150> PRIOR APPLICATION NUMBER: 09/061,709
 20 <151> PRIOR FILING DATE: 1998-04-17
 22 <160> NUMBER OF SEQ ID NOS: 23

ERRORED SEQUENCES

25 <210> SEQ ID NO: 1
 26 <211> LENGTH: (4265) - ~~extended 4264~~ p. 2
 27 <212> TYPE: DNA
 28 <213> ORGANISM: Homo sapiens
 W--> 29 <220> FEATURE:
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 34 gagggacaca tacatcctaa aagcaccaca gcagaggagg cccaggcagt gccaggagtc 180
 35 aaggttccca gaagacaaac cccctaggaa gacaggcgac ctgtgaggcc ctagagcacc 240
 36 accttaagag aagaagagct gtaagccggc ctttgtcaga gccatcatgg gggacaagga 300
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 38 tcctgagggg gaggactccc agtctcctct ccagattccc cagagttctc ctgagagcga 420
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 41 ttctcctgag ggcgacgaca cccagttctc tctccagaat tctcagagtt ctctgaggg 600
 42 gaaggactcc ctgtctcctc tagagatttc tcagagccct cctgaggggtg aggatgtcca 660
 43 gtctcctctg cagaatcctg cgagttcctt cttctcctct gctttattga gtattttcca 720
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 47 cttctcctcc actttattga gtattttcca gagttccctt gagagaagtc agagaacttc 960
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RAW SEQUENCE LISTING

DATE: 02/14/2003

PATENT APPLICATION: US/09/270,437D

TIME: 07:51:13

Input Set : A:\EP.txt

Output Set: N:\CRF4\02142003\I270437D.raw

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 52 tctgtgagc cctccttct cctccacttt agtgagtatt ttccagagtt cccctgagag 1260
 53 aactcagagt acttttgagg gttttcccca gtctcctctc cagattcctg tgagctcctc 1320
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- counted 2219

RAW SEQUENCE LISTING

DATE: 02/14/2003

PATENT APPLICATION: US/09/270,437D

TIME: 07:51:13

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Output Set: N:\CRF4\02142003\I270437D.raw

E--> 101 gggaaaacct tctgcctcat tttgtgatgt gtcacaggtt aatgtggtgt tactgttagga 4080
E--> 102 attttcttga aactgtgaag gaactctgca gttaaatagt ggaataaagt aaaggattgt 4140
E--> 103 taatgtttgc atttcctcag gtcttttagt ctgttggtct tgaaaactaa agatacatac 4200
E--> 104 ctggtttgct tggcttacgt aagaaagtcg aagaaagtaa actgtaataa ataaaagtgt 4260
E--> 105 cagtg

4265

found 4264

VERIFICATION SUMMARY

DATE: 02/14/2003

PATENT APPLICATION: US/09/270,437D

TIME: 07:51:14

Input Set : A:\EP.txt

Output Set: N:\CRF4\02142003\I270437D.raw

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:29 M:283 W: Missing Blank Line separator, <220> field identifier
L:30 M:283 W: Missing Blank Line separator, <400> field identifier
L:70 M:254 E: No. of Bases conflict, LENGTH:Input:2220 Counted:2219 SEQ:1
M:254 Repeated in SeqNo=1
L:105 M:252 E: No. of Seq. differs, <211> LENGTH:Input:4265 Found:4264 SEQ:1
L:114 M:283 W: Missing Blank Line separator, <400> field identifier
L:270 M:283 W: Missing Blank Line separator, <220> field identifier
L:271 M:283 W: Missing Blank Line separator, <400> field identifier
L:284 M:283 W: Missing Blank Line separator, <220> field identifier
L:289 M:283 W: Missing Blank Line separator, <400> field identifier
L:348 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:3300
M:341 Repeated in SeqNo=4
L:369 M:283 W: Missing Blank Line separator, <220> field identifier
L:373 M:283 W: Missing Blank Line separator, <400> field identifier
L:400 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:1380
M:341 Repeated in SeqNo=5
L:412 M:283 W: Missing Blank Line separator, <220> field identifier
L:416 M:283 W: Missing Blank Line separator, <400> field identifier
L:476 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:3360
L:483 M:283 W: Missing Blank Line separator, <220> field identifier
L:487 M:283 W: Missing Blank Line separator, <400> field identifier
L:518 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:1620
M:341 Repeated in SeqNo=7
L:530 M:283 W: Missing Blank Line separator, <220> field identifier
L:534 M:283 W: Missing Blank Line separator, <400> field identifier
L:592 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:3240
L:598 M:283 W: Missing Blank Line separator, <220> field identifier
L:599 M:283 W: Missing Blank Line separator, <400> field identifier
L:606 M:283 W: Missing Blank Line separator, <220> field identifier
L:607 M:283 W: Missing Blank Line separator, <400> field identifier
L:614 M:283 W: Missing Blank Line separator, <220> field identifier
L:624 M:283 W: Missing Blank Line separator, <220> field identifier
L:625 M:283 W: Missing Blank Line separator, <400> field identifier
L:632 M:283 W: Missing Blank Line separator, <220> field identifier
L:633 M:283 W: Missing Blank Line separator, <400> field identifier
L:640 M:283 W: Missing Blank Line separator, <220> field identifier
L:641 M:283 W: Missing Blank Line separator, <400> field identifier
L:648 M:283 W: Missing Blank Line separator, <220> field identifier
L:649 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:15
L:652 M:283 W: Missing Blank Line separator, <400> field identifier
L:659 M:283 W: Missing Blank Line separator, <220> field identifier
L:660 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:16
L:663 M:283 W: Missing Blank Line separator, <400> field identifier
L:670 M:283 W: Missing Blank Line separator, <220> field identifier
L:673 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:17
L:676 M:283 W: Missing Blank Line separator, <400> field identifier
L:684 M:283 W: Missing Blank Line separator, <220> field identifier

VERIFICATION SUMMARY

DATE: 02/14/2003

PATENT APPLICATION: US/09/270,437D

TIME: 07:51:14

Input Set : A:\EP.txt

Output Set: N:\CRF4\02142003\I270437D.raw

L:685 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:18
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L:696 M:283 W: Missing Blank Line separator, <220> field identifier
L:697 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:19
L:700 M:283 W: Missing Blank Line separator, <400> field identifier
L:707 M:283 W: Missing Blank Line separator, <220> field identifier
L:708 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:20
L:711 M:283 W: Missing Blank Line separator, <400> field identifier
L:719 M:283 W: Missing Blank Line separator, <220> field identifier
L:720 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:21
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L:733 M:283 W: Missing Blank Line separator, <220> field identifier
L:734 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:22
L:737 M:283 W: Missing Blank Line separator, <400> field identifier
L:745 M:283 W: Missing Blank Line separator, <220> field identifier
L:746 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:23
L:749 M:283 W: Missing Blank Line separator, <400> field identifier